AMENDMENTS TO THE CLAIMS:

Please cancel claims 5, 8 and 9 without prejudice or disclaimer, amend claims 6 and 13, and add new claims 14-17, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Withdrawn): Semiconductor ultrafine particles, which maintain 50% or more fluorescence quantum yield of photoluminescence when the particles are kept dispersed in water at 10°C to 20°C in air for five days.

Claim 2 (Withdrawn): Semiconductor ultrafine particles according to Claim 1, wherein the particles belong to Group II-VI semiconductor ultrafine particles.

Claim 3 (Withdrawn): Semiconductor ultrafine particles according to Claim 2, wherein the fluorescence quantum yield is measured when they are kept dispersed in an aqueous solution having a pH of 10 to 12 comprising a water-soluble compound containing a Group II element (about 0.001 to about 0.05 mol/L) as a starting material of the semiconductor ultrafine particles of Group II-VI and a surfactant (about 1 to 1.5 mol per mol of the Group II element contained in the aqueous solution).

Reply to OA dated March 12, 2009

Claim 4 (Withdrawn): Semiconductor ultrafine particles according to Claim 2, wherein the

particles are cadmium telluride.

Claim 5 (Canceled).

Claim 6 (Currently amended): A fluorescent material wherein comprising semiconductor ultrafine

particles [[with]] having 20% or more fluorescence quantum yield of photoluminescence [[are]] dispersed

in a glass matrix formed by a sol-gel process using an organoalkoxysilane represented by General Formula:

X-Si(OR)₃

wherein X is a group containing a vinyl group, a group containing an epoxy group, an amino alkyl

group, an acryloyl alkyl group, a methacryloyl alkyl group, a mercapto alkyl group or a phenyl group, OR

is an alkoxy group.

Claim 7 (Original): A fluorescent material according to Claim 6, wherein a concentration of

semiconductor ultrafine particles in the glass matrix is 2×10^{-6} to 2×10^{-4} mol/L.

Claims 8-9 (Canceled).

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Claim 10 (Withdrawn): A method for manufacturing semiconductor ultrafine particles according

to Claim 2, the method comprising introducing a compound containing a Group VI element under an inert

atmosphere into an aqueous alkaline solution in which a water-soluble compound containing a Group ${
m II}$

element and a surfactant are dissolved;

wherein the amount of surfactant is about 1 to about 1.5 mol per 1 mol of the Group II element;

and

ultrapure water in which the specific resistance is $18 \, \text{M}\Omega \cdot \text{cm}$ or more and the total amount of

organic compound (TOC) contained therein is 5 ppb or less is used as a solvent.

Claim 11 (Withdrawn): A method of manufacturing a fluorescent material according to Claim 5,

the method comprising adding a dispersion of semiconductor ultrafine particles according to Claim 1 to a

sol solution containing a metal alkoxide, to cause hydrolysis and condensation polymerization, thereby

forming a glass matrix.

Claim 12 (Withdrawn): A method of manufacturing a fluorescent material according to Claim 11,

the method comprising adding a dispersion of semiconductor ultrafine particles according to Claim 5 to a

sol solution containing a metal alkoxide, to cause hydrolysis and condensation polymerization, thereby

forming a glass matrix;

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wherein the dispersion of the semiconductor ultrafine particles is added when the viscosity of the sol solution containing a metal alkoxide reaches 300 centipoises to 3000 centipoises.

Claim 13 (Currently amended): A light emitting device comprising:

a light emitter composed of a fluorescent material according to Claim [[5]] 6; and

a light source which emits excitation light with a wavelength of 320 nm to 600 nm for exciting the

fluorescent material.

Claim 14 (New): A fluorescent material according to Claim 6, wherein the alkoxy group is a methoxy group, ethoxy group, n-propoxy group or isopropoxy group.

Claim 15 (New): A fluorescent material according to Claim 6, which has a Vickers hardness of about 20 or higher.

Claim 16 (New): A fluorescent material according to Claim 6, wherein the semiconductor ultrafine particles belong to the Group II-VI semiconductor ultrafine particles.

Claim 17 (New): A fluorescent material according to Claim 6, wherein the semiconductor ultrafine particles are cadmium telluride.